

Title (en)
High tension isolating switch with a mobile contact movable at high speed

Title (de)
Hochspannungstrennschalter mit schnellbeweglichem Kontakt

Title (fr)
Sectionneur haute tension à contact mobile déplacé à grande vitesse

Publication
EP 1054419 A1 20001122 (FR)

Application
EP 00401303 A 20000512

Priority
FR 9906212 A 19990517

Abstract (en)
The electrical circuit breaker has a moving contact section (2) and fixed contact port (1) and a rear rod (3), moving the mo contact. The rod moves the inner piston (5) in stages with a first (7) and second spring (6). The rod and spring system are lock (8) in a first position until the moving contact is connected to the fixed contact. The second spring is then released, pushing moving contact at speed into the fixed contact.

IPC 1-7
H01H 3/30; **H01H 31/32**

IPC 8 full level
H01H 3/30 (2006.01); **H01H 31/00** (2006.01); **H01H 31/32** (2006.01); **H01H 33/12** (2006.01); **H01H 33/40** (2006.01); **H01H 33/64** (2006.01); **H01H 5/06** (2006.01)

CPC (source: EP US)
H01H 3/3052 (2013.01 - EP US); **H01H 31/32** (2013.01 - EP US); **H01H 5/06** (2013.01 - EP US)

Citation (search report)

- [A] EP 0348645 A2 19900103 - LICENTIA GMBH [DE]
- [A] BE 789990 A 19730412 - GARDY
- [A] US 3811022 A 19740514 - GUIDOSH E
- [A] DE 2758264 A1 19790705 - BBC BROWN BOVERI & CIE

Cited by
EP2544203A1; EP2741305A1

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 1054419 A1 20001122; **EP 1054419 B1 20060816**; CN 1171264 C 20041013; CN 1285604 A 20010228; DE 60030032 D1 20060928; DE 60030032 T2 20070215; FR 2793945 A1 20001124; FR 2793945 B1 20010622; ID 26059 A 20001123; JP 2000353457 A 20001219; KR 20010020851 A 20010315; TW 476080 B 20020211; US 6466420 B1 20021015

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